

**AMENDMENTS TO THE CLAIMS**

1-34. (canceled)

35. (new) A transmucosal delivery device in the form of a bioerodable flexible film for the systemic delivery of a pharmaceutical, the device comprising:

a bioerodable mucoadhesive layer;

a bioerodable non-adhesive backing layer; and

a systemic pharmaceutical incorporated into the flexible film;

wherein the transmucosal delivery device is thin, flexible and orally erodes such that there is an effective residence time with minimal or no foreign body sensation.

36. (new) The delivery device of claim 35, wherein the device has a thickness of between about 0.1 mm and about 0.5 mm.

37. (new) The delivery device of claim 35, wherein the device has a residence time of about 30 minutes.

38. (new) The delivery device of claim 35, wherein the backing layer is substantially occlusive to the systemic pharmaceutical.

39. (new) The delivery device of claim 35, wherein the pharmaceutical is delivered in a localized manner when in contact with the mucosa.

40. (new) The delivery device of claim 35, wherein the systemic pharmaceutical is incorporated into the mucoadhesive layer or the backing layer.

41. (new) The delivery device of claim 40, wherein the systemic pharmaceutical is incorporated into the mucoadhesive layer and the backing layer.

42. (new) The delivery device of claim 35, comprising a combination of pharmaceuticals incorporated into the mucoadhesive layer or the backing layer.

43. (new) The delivery device of claim 42, comprising a combination of pharmaceuticals incorporated into the mucoadhesive layer and the backing layer.
44. (new) The delivery device of claim 35, wherein the device is a bilayer device.
45. (new) The delivery device of claim 35, wherein the device further comprises a second bioerodable mucoadhesive layer disposed between the bioerodable mucoadhesive layer and the bioerodable non-adhesive backing layer
46. (new) The delivery device of claim 35, wherein the backing layer is a two layer film.
47. (new) The delivery device of claim 35, wherein the mucoadhesive layer comprises hydroxyethyl cellulose and hydroxypropyl cellulose.
48. (new) The delivery device of claim 35, wherein the mucoadhesive layer comprises polyacrylic acid and sodium carboxymethyl cellulose.
49. (new) The delivery device of claim 35, wherein the backing layer comprises hydroxypropyl cellulose.
50. (new) The delivery device of claim 35, wherein the mucoadhesive layer comprises hydroxyethyl cellulose, hydroxypropyl cellulose, polyacrylic acid and sodium carboxymethyl cellulose, and the backing layer comprises hydroxyethyl cellulose and hydroxypropyl cellulose.
51. (new) The delivery device of claim 35, further comprising a hydrophilic salt.
52. (new) The delivery device of claim 51, wherein the hydrophilic salt is sodium benzoate.